

Title (en)

Apparatus for bandwidth expansion of speech signals

Title (de)

Vorrichtung zur Erweiterung der Bandbreite von Sprachsignalen

Title (fr)

Dispositif pour l'augmentation de la bande passante de signaux de parole

Publication

**EP 1202252 A2 20020502 (EN)**

Application

**EP 01125814 A 20011029**

Priority

JP 2000332482 A 20001031

Abstract (en)

A voice decoder comprises the first voice decoding circuit (8, 10, 14) which is specialized for decoding narrow band voice signal, the second voice decoding circuit (9, 11, 15) which is specialized for decoding wide band voice signals, and a band determination circuit (3, 4, 7, 13) which determines whether a target signal to be decoded is a narrow band voice signal or wide band voice signal. The band determination circuit (3, 4, 7, 13) supplies the first voice decoding circuit (8, 10, 14) with the target signal in a case where it is determined that the target signal is a narrow band voice signal, and supplies the second voice decoding circuit (9, 11, 15) with the target signal in a case where it is determined that the target signal is a wide band voice signal. The first voiced decoding circuit (8, 10, 14) decodes the supplied target signal. The second voice decoding circuit (9, 11, 15) decodes the supplied target signal. <IMAGE>

IPC 1-7

**G10L 21/02**

IPC 8 full level

**G10L 19/02** (2006.01); **G10L 19/04** (2013.01); **G10L 19/06** (2013.01); **G10L 19/07** (2013.01); **G10L 19/12** (2013.01); **G10L 19/16** (2013.01); **G10L 19/18** (2013.01); **G10L 21/02** (2006.01); **H03M 7/30** (2006.01)

CPC (source: EP US)

**G10L 21/0364** (2013.01 - EP US)

Cited by

EP1788556A4; US7634402B2; US7895035B2

Designated contracting state (EPC)

DE GB

DOCDB simple family (publication)

**EP 1202252 A2 20020502**; **EP 1202252 A3 20030910**; **EP 1202252 B1 20060531**; DE 60120078 D1 20060706; DE 60120078 T2 20070104; JP 2002140098 A 20020517; JP 3467469 B2 20031117; US 2002052739 A1 20020502; US 7047186 B2 20060516

DOCDB simple family (application)

**EP 01125814 A 20011029**; DE 60120078 T 20011029; JP 2000332482 A 20001031; US 98442001 A 20011030